

ABSTRACT

An aqueous aluminum brazing composition containing an organic binder and zinc-based flux which prevents precipitation of the zinc-based flux having a large specific gravity while
5 securing excellent brazeability. The thixotropic index of the brazing composition is adjusted to 1.01-1.20 by adding (meth)acrylic acid/(meth)acrylate copolymer emulsion to the brazing composition as a precipitation inhibitor in an amount
10 of 0.03-1.50 wt% of 100 wt% of the brazing composition. Since the (meth)acrylic acid/(meth)acrylate copolymer emulsion is used as the precipitation inhibitor in a specific amount instead of other types of compounds used for powder-containing paint such as ultrafine particle silica, poly(meth)acrylate, or
15 polyvinyl alcohol, precipitation of the zinc-based flux can be prevented without impairing brazeability.